

Amendments to the Claims:

Claims 1-34 (Cancelled)

35. (Currently amended) An image pickup apparatus mounted to a medical observation device having an optical system for observing a living body comprising:

a television camera having an image pickup element built therein for picking up an image of a portion to be observed by the medical observation device built therein;

a wireless transmitter associated with the, provided in an image information signal transmission path in the television camera, for transmitting an image information signal of the image by wireless;

an information display portion provided in the medical observation device endoscope to display frequency information of a transmission frequency of the wireless transmitter;

an information reading device for reading the frequency information of the information display portion;

a wireless receiver for receiving the image information signal transmitted from the wireless transmitter;

a reception frequency setting unit for tuning a reception frequency of the wireless receiver to the transmission frequency of the image information signal transmitted from the wireless transmitter by using the frequency information read by the information reading device; and

a video processing circuit an image display device for processing the image information signal received by the wireless receiver to provide an output signal for display an image.

36. (Currently amended) An image pickup apparatus according to claim 35, wherein the medical observation device ~~to which the television camera is mounted~~ is an optical endoscope; and

the television camera is mounted to the medical observation device.

37. (Currently amended) An image pickup apparatus according to claim 35, wherein the medical observation device ~~to which the television camera is mounted~~ is a microscope for operation; and

the television camera is mounted to the medical observation device.

38. (Currently amended) An endoscope apparatus comprising:
an optical endoscope having an insertion unit for insertion inserted into a body cavity;

a television camera mounted to the optical endoscope, and having an image pickup device built therein for picking up an image of a portion to be observed by the optical endoscope ~~built therein and mounted to the optical endoscope~~;

a wireless transmitter associated with, provided in an image information signal transmission path in the television camera; for transmitting an image information signal of the image by wireless;

an information display portion provided in the endoscope to display frequency information of a transmission frequency of the wireless transmitter;

an information reading device for reading the frequency information of the information display portion;

a wireless receiver for receiving the image information signal transmitted from the wireless transmitter;

a reception frequency setting unit for tuning a reception frequency of the wireless receiver to the transmission frequency of the image information signal transmitted from the wireless transmitter by using the frequency information read by the information reading device; and

a video processing circuit ~~an image display device~~ for processing the image information signal received by the wireless receiver to provide an output signal for display an image.

39. (Currently amended) An endoscope apparatus comprising:

a first endoscope having a first insertion unit ~~inserted for insertion~~ into a body cavity and a first image pickup element for picking up an image of a portion to be observed;

~~an optical endoscope having a second insertion unit inserted into the body cavity;~~

~~a television camera having a second image pickup element for picking up an image of a portion to be observed by the optical endoscope built therein and mounted to the optical endoscope;~~

~~a second endoscope having the optical endoscope having the a second insertion unit for insertion inserted into the body cavity, and the a television camera mounted to the second endoscope and having the a second image pickup element built therein for picking up an image of a portion to be observed built therein and mounted to the optical endoscope;~~

first and second wireless transmitters, associated with provided in the first endoscope and the television camera, respectively, for transmitting image information signals of the images picked up by the first endoscope and the television camera, respectively, ~~for~~
~~btransmitting image information signals corresponding to the image information~~ by wireless at respectively at different transmission frequencies;

first and second information display portions, provided in the first endoscope and the television camera, respectively, to display frequency information of transmission frequencies of the first and second wireless transmitters;

an at least one information reading device capable of reading the frequency information of the first and second information display portions;

a at least one wireless receiver capable of receiving the image information signals transmitted from the first and second wireless transmitters, respectively;

a-at least one reception frequency setting unit for tuning a reception frequency of the wireless receiver to the transmission frequency of each of the image information signals transmitted from the first and second wireless transmitters by using the frequency information read by the information reading device; and

at least one video processing circuit ~~an image display device~~ for processing the first and second image information signals received by the wireless receiver to provide respective output signals for display ~~an image~~.

40. (Currently amended) A medical system comprising:
a medical observation device having an optical system for observing a living body;

a television camera mounted to the medical observation device and having an
image pickup device built therein for picking up an image of a portion to be observed by the
medical observation device built therein and mounted to the medical observation device;

a wireless transmitter associated with, provided in an image information signal
transmission path in the television camera, for transmitting an image information signal of the
image by wireless;

an information display portion provided in the medical observation device
endoscope to display frequency information of a transmission frequency of the wireless
transmitter;

an information reading device for reading the frequency information of the
information display portion;

a wireless receiver for receiving the image information signal transmitted from
the wireless transmitter;

a reception frequency setting unit for tuning a reception frequency of the wireless
receiver to the transmission frequency of the image information signal transmitted from the
wireless transmitter by using the frequency information read by the information reading device;
and

at least one video processing circuit an image display device for processing the
image information signal received by the wireless receiver to provide an output signal for display
an image.

41. (Previously presented) A medical system according to claim 40, wherein the medical observation device to which the television camera is mounted is an optical endoscope.

42. (Previously presented) A medical system according to claim 40, wherein the medical observation device to which the television camera is mounted is a microscope for operation.